












# OREGON COAST COHO: 1999-2008

## ESA LISTING STATUS: Threatened 2008

MPG Population		Trend category	Trend (slope of ln natural-origin abundance)	10-year Spawning Abundance 2000-2009 black= natural-origin, line= total	10-year Geometric Mean (Total Spawners)	10-year Geometric Mean (Natural-origin Spawners)
North Coast	Necanicum River	No trend	0.00		1183	1110
	Nehalem River	No trend	0.05		14669	14144
	Tillamook River	No trend	0.06		4140	3855
	Nestucca River	No trend	-0.09		2814	2768
Mid-Coast	Salmon River	No trend	0.18		1039	182
	Siletz River	No trend	0.19		4750	4310
	Yaquina River	No trend	0.10		4783	4687
	Beaver Creek	No trend	-0.06		2067	2006
	Alsea River	No trend	0.09		4975	4655
	Suslaw River	No trend	0.02		10798	10606



This summary sheet contains abundance trend information compiled from state and tribal sources using methodologies developed by the NWFSC Technical Recovery Teams. It is intended for summary information purposes; please see <http://www.nwfsc.noaa.gov/> for more detailed information on population and ESU status. Trend was calculated as the slope of the linear regression of log transformed natural origin spawning abundance over the last 10 years of available data. See [Good et al. \(2005\)](#) for details. Trends with a  $p$ -value < 0.05 were classified as "no trend".

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Lakes	Siltcoos Lake	No trend	-0.02		4233	4210
	Tahkenitch Lake	No trend	0.04		2711	2693
	Tenmile Lake	No trend	0.03		8875	8862
Umpqua	Lower Umpqua River	No trend	0.06		9617	9082
	Middle Umpqua River	No trend	-0.02		5610	5203
	North Umpqua River	No trend	0.05		7810	2352
	South Umpqua River	No trend	0.06		6525	6181
South Coast	Coos River	No trend	-0.04		11857	11781
	Coquille River	No trend	0.14		11695	11512
	Floras Creek	No trend	-0.14		1370	1317
	Sixes River	No trend	0.05		142	119

## ESU ABUNDANCE TREND:

**NO TREND**

Trend Category	# of populations
Increasing	0
No trend	21
Decreasing	0

Spawning abundance estimates were available for all 21 primary populations through 2008. Although there was considerable variability in spawning abundance over the last ten years, all population trends showed 'no trend'.

Abundance is only 1 of 4 Viable Salmonid Population indicators. The other factors - productivity, diversity, spatial structure - also influence ESU status.